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SEAT No. :

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Oct-22/TE/Insem-518

T.E. (Civil)

**ENGINEERING ECONOMICS AND FINANCIAL
MANAGEMENT**

(2019 Pattern) (Semester-I) (301004)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Solve Q1 or Q2, Q3 or Q4.*
- 2) *Figures to the right indicate full marks.*

- Q1)** a) Explain the importance of economics in construction sector. [4]
b) From the following trial balance of Vishal Ltd. Prepare the balance sheet of a company as on 31st March 2021 as per schedule III of The Companies Act 2013. [7]

Preliminary Expenses = Rs. 50000

Provision of Employees Welfare Fund = Rs. 50000

General Reserves = Rs. 78000

Advances to Employees = Rs. 100000

Bills Payable = Rs. 100000

Account Receivables = Rs. 178000

Furniture and Fixture = Rs. 245000

Deposits with ICICI Bank = Rs. 350000

Cash at Bank = Rs. 500000

Equity Share Capital = Rs. 545000

Loan from SBI = Rs. 650000

Unclaimed dividend = Rs. 15000

Goodwill = Rs. 15000

- c) Write a note on Structure of construction industry in India. [4]

OR

- Q2)** a) What is Asset? Explain different types of Assets. [4]
b) From the following information prepare the Profit and Loss Account of ABC Ltd. as on 31st March 2020. [6]

P.T.O.

Particular	Amount (Rs.)
Gross Profit received from trading A/C	100000
Manager Salary	33000
Office Lighting	6500
Office Rent	15000
Salary Paid to Salesman	30000
Advertisement charges	26500
Discount allowed	3000
Discount received	4000
Dividend received	2000
Rent received	1500
Depreciation charges paid	10000
Repair and Maintenance	2500
Package charges	7500
Local Taxes	1000

c) What is Balance Sheet? Why is it Prepared? [5]

Q3) a) Enlist the different short term sources of finance and explain any one in detail. [5]

b) Explain any two types of debt in detail. [4]

c) Calculate the leverage ratios from the following data; [6]

Particular	Amount (Rs.)
Shareholder's equity	1980200
Total assets	3001100
Total capital employed	2197600
Total debt	217400
Earnings available for debt service	493200
Installment amount	36400
EBIT	493200
Interest	2500
Preference Share capital + Debenture + Long term Loan	132100
Equity share capital + Reserves	49100

OR

- Q4)** a) What is EBIT? Calculate EBIT for company which has reported total income of Rs. 12308.68 Crore., total expenditure of Rs. 11278.24 crore, Interest of Rs. 43.95 crore, Taxes of Rs. 140.6 crore, depreciation of Rs. 287.81 and; net profit of 558.08 crore. [5]
- b) What is capital market? And explain any one instrument of it. [5]
- c) What is Divident Pay Out Ratio? Calculate Divident Pay Out Ratio and retained earnings for a company which has reported net income of Rs. 22,00,000/- and for the same year the company has declared a dividend of Rs. 6,00,000/- [5]

